

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1 – 34 are cancelled.

35. (Currently Amended) An asymmetric light emitting structure for producing polarized light, comprising:

- a) an asymmetric geometric element that includes a light emitting layer responsive to light from an excitation layer for producing the polarized light, wherein the polarization direction of the light lies within the plane of the light emitting layer;
- b) wherein the asymmetric geometric element has a first dimension different from a second orthogonal dimension in the plane orthogonal to the direction of light emission ~~a light emitting layer;~~
- c) wherein the light emitting layer emits light orthogonal to the light emitting layer and includes a plurality of light emitting species having ~~different and random-uncontrolled~~ orientations with respect to each other; and
- d) means for excitation of the excitation layer

36. (Previously Presented) The asymmetric light emitting structure claimed in claim 35, wherein the light emitting layer is comprised of materials selected from the group consisting of organic light emitting materials and inorganic light emitting materials.

37. (Previously Presented) The asymmetric light emitting structure claimed in claim 36, wherein the organic light emitting materials includes materials selected from the group consisting of polymers and dyes.

38. (Previously Presented) The asymmetric light emitting structure claimed in claim 36, wherein the inorganic light emitting materials includes materials selected from the group consisting of compounds from the periodic table found in group II,

group VI, group III, and group V, and semi-conducting quantum dots fabricated from these same groups.

39. (Withdrawn) The asymmetric light emitting structure claimed in claim 35, wherein the asymmetric geometric element is a vertical cavity surface emitting laser with asymmetric lateral confinement.

40. (Withdrawn) The asymmetric light emitting structure claimed in claim 39, wherein the vertical cavity surface emitting laser is organic.

41. (Withdrawn) The asymmetric light emitting structure claimed in claim 39, wherein the vertical cavity surface emitting laser is inorganic.

42. (Previously Presented) The asymmetric light emitting structure claimed in claim 35, wherein the asymmetric geometric element is a grating.

43. (Previously Presented) The asymmetric light emitting structure claimed in claim 42, wherein the grating improves surface plasmon light output coupling.

44. (Withdrawn) The asymmetric light emitting structure claimed in claim 35, wherein the asymmetric geometric element is a photonic crystal with asymmetric lateral confinement.

45. (Previously Presented) The asymmetric light emitting structure claimed in claim 35, wherein the light emitting layer emits white light.

46. (Currently Amended) A method for producing polarized light from an asymmetric light emitting structure, comprising the steps of:

- a. exciting an excitation layer within the asymmetric light structure;
- b. providing light from the excitation layer to an asymmetric geometric element that includes a light emitting layer responsive to the light from the excitation layer that produces polarized light, wherein the polarization direction of the light lies within the plane of the light emitting layer;

- c. wherein the asymmetric geometric element has a first dimension different from a second orthogonal dimension in the plane orthogonal to a ~~light emitting layer~~ the direction of light emission; and
- d. wherein the light emitting layer emits light orthogonal to the light emitting layer and includes a plurality of light emitting species having uncontrolled ~~different and random~~ orientations with respect to each other.

47. (Withdrawn) The method claimed in claim 46, wherein the asymmetric geometric element is a vertical cavity surface emitting laser with asymmetric lateral confinement.

48. (Withdrawn) The method claimed in claim 47, wherein the vertical cavity surface emitting laser is organic.

49. (Withdrawn) The method claimed in claim 47, wherein the vertical cavity surface emitting laser is inorganic.